

CLAIMS

1. A method of producing a ceramic article (30),  
5 characterized in that it comprises the steps consisting  
in:

- casting a slip (8) under pressure into a mold (12) in order to form a deposit (20); and
- filtering a solution (10) containing a  
10 deflocculant through the deposit (20).

2. The method as claimed in claim 1, characterized in  
that the slip (10) is flocculated.

15 3. The method as claimed in either of claims 1 and 2,  
characterized in that the slip (10) comprises kaolin.

4. The method as claimed in any one of claims 1 to 3,  
characterized in that the slip comprises clay.

20 5. The method as claimed in any one of claims 1 to 4,  
characterized in that the slip (10) comprises quartz.

25 6. The method as claimed in any one of claims 1 to 5,  
characterized in that the deflocculant represents at  
most 3% by weight of the article (30).

30 7. The method as claimed in any one of claims 1 to 6,  
characterized in that the deflocculant represents at  
most 5% by weight of the solution (10).

8. The method as claimed in any one of claims 1 to 7,  
characterized in that the deflocculant represents  
between 0.20% and 3% by weight of the solution (10).

35 9. A ceramic article (30), characterized in that it  
is produced by means of the process as claimed in one  
of claims 1 to 8.

10. The article (30) as claimed in claim 9,  
characterized in that it is formed in a ceramic chosen  
from the following group: porcelain, vitreous china,  
5 earthenware and stoneware.
11. An intermediate product (20) for the purpose of  
producing a ceramic article (30), characterized in that  
the product is obtained from the mold after the steps  
10 set out in claim 1.
12. A device for producing a ceramic article (30),  
comprising a mold (12) and a first tank (4) suitable  
for containing a slip (8), characterized in that it  
15 comprises a second tank (6) suitable for containing a  
solution (10) and means (14) for injecting under  
pressure, into the mold (12), alternately the slip from  
the first tank and the solution from the second tank.
- 20 13. The device as claimed in claim 12, characterized  
in that it includes means (16) for purging the  
injection means (14) prior to each injection of the  
slip into the mold.